



US Army Corps  
of Engineers®



## Alpena Harbor, MI

### Harbor Features

- Located at the mouth of the Thunder Bay River, which empties into the Thunder Bay, Lake Huron.
- Authorization: River & Harbor Acts of 19 Sep 1890, 2 Mar 1919, 22 Sep 1922, 30 Aug 1935, 27 Oct 1965.
- Deep draft commercial harbor.
- Project depths – 25' from deep water in Thunder Bay to a point 300' lake-ward of the Alpena Light; then 24' to 700' upstream from the light; 23' deep to the Second Avenue Bridge; then 18.5' deep to the upper limit of the Federal project.
- 97<sup>th</sup> leading U.S. port with 3.2M tons of material shipped or received in 2005.
- Ranked as 26<sup>th</sup> among the Great Lakes Harbors in 2005.
- Approximately 700 feet of breakwater structures.
- Approximately 12,000 feet of maintained channel.
- Dredged material is placed in upland placement sites as needed.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Lafarge Corporation North America, Alpena Oil, Seaway Marine Transport, DPI, and Everett Goodrich Trucking.

### Project Needs

- Although dredged infrequently, there is a critical current requirement for dredging as vessel operators have been forced to cancel trips as a result of shoaling at the harbor entrance.
- Navigation structures are primarily maintained by Government floating plant.



### Consequences of Not Maintaining the Project

- Significant loss of jobs both locally and regionally.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$500,000 and \$1,600,000 annually.

### Transportation Importance

- Regionally significant receiving and shipping port on the Great Lakes.
- Commodities include cement, coal and petroleum products, sand, gravel, salt and limestone.
- The harbor receives large shipments of salt to supply many local municipalities for road deicing.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009  
Alpena Harbor, MI - Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY07 Need</b>	<b>FY07 Work Plan</b>	<b>FY08 Need</b>	<b>FY08 Budget</b>	<b>FY09 Need</b>	<b>FY09 Budget*</b>
Project Condition Surveys	37	37	0	0	42	
Breakwater Repair – by Gov. Floating Plant	0	0	0	0	280	
Maintenance Dredging – Primary Work Package	392	390	0	0	0	
Maintenance Dredging – Backlog Work Package						
<b>TOTALS</b>	<b>429</b>	<b>427</b>	<b>0</b>	<b>0</b>	<b>322</b>	

\* FY09 President's Budget will be available in February 2008